

ABSTRACT

An improved Transdermal Delivery System (TDS) comprising a backing layer inert to the components of the matrix, a self-adhesive matrix containing rotigotine and a protective foil or sheet to be removed prior to use,

characterized in that

the self-adhesive matrix consists of a solid or semi-solid semi-permeable polymer

- (1) wherein rotigotine in its free base form has been incorporated,
- (2) which is saturated with rotigotine and contains said rotigotine as a multitude of microreservoirs within the matrix,
- (3) which is highly permeable for the free base of rotigotine,
- (4) which is impermeable for the protonated form of rotigotine,
- (5) wherein the maximum diameter of the microreservoirs is less than the thickness of the matrix.

is provided. Said TDS provides for enhanced flux of rotigotine across the TDS/skin interface.